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# 1967 CENSUS OF COMMERCIAL FISHERIES 

FC67-1

- Number of commercial fishing vessel operators and fishing vessels
- Employment and gross receipts
- Fishing regions and selected ports
- Vessel characteristics: Construction material, primary catch, and fishing gear
U.S. DEPARTMENT OF COMMERCE



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## Introduction

## GENERAL

This report presents results of the Census of Commercial Fisheries for the calendar year 1967, and is based on a survey conducted by the Bureau of the Census, Department of Commerce, with the cooperation of the Bureau of Commercial Fisheries, Department of Interior, and of the Coast Guard, Department of Transportation. The most recent census of commercial fisheries prior to the 1967 was taken in 1963. Censuses of fisheries were also conducted for the years 1908, 1889, and 1880.

This report includes data by major type of catch and by fishing region and selected ports, number of operators, employment, payroll, operating costs, and gross receipts. In addition, data on monthly employments, value of catch landed by location of landings, and characteristics of vessels are shown.

## COLLECTION OF DATA

Data for both the 1963 and 1967 censuses of commercial fisheries were gathered from two sources: (1) a mail survey of fishing vessels and (2) nonmail administrative records. Data for the mail portion of the censuses are shown in this publication. The nonmail administrative-records data portion of these censuses are excluded because of classification problems in the 1967 census which caused the data to be noncomparable with the administrative-records group in 1963.

## MAIL SURVEY

Vessel data for both the 1967 and 1963 censuses of commercial fisheries were gathered by mail. The mailing lists for these censuses, however, were developed from two different sources: In 1963, the "employer master file" of the Social Security Administration, and in 1967, a master list of fishing vessels prepared jointly by the U.S. Coast Guard and the Bureau of Commercial Fisheries. The new mailing list for the 1967 census was developed because of the poor coverage that was obtained from the initial mailing of the 1963 census, which had to be subsequently supplemented by a mailing to vessel operators. While the mailing lists for these censuses were developed from two different sources, the coverage of commercial fishing vessels (that is, craft of 5 tons or more), is virtually the same in both censuses.

## DEVELOPMENT OF MAILING LIST

1963 Census-The source of addresses for commercial fishing vessel operators was the "employer master file" of establishments with paid employees maintained by the Social Security Administration. A 1963 Census of Commercial Fisheries questionnaire was mailed to commercial fishing operators in the following Standard Industrial Classification (SIC) ${ }^{1}$ industries: 0912, Finfish; 0913, Shellfish; 0914, Whale Products; and 0919, Miscellaneous Marine Products. In addition, a "precanvass"

[^0]report form was mailed to about 400 large manufacturing establishments classified in one of the following SIC manufacturing industries: 2031, Canned and Cured Fish and Seafoods; 2036, Fresh and Frozen Packaged Fish and Seafoods; and 2094, Animal and Marine Fats and Oils. The precanvass inquiry was also mailed to wholesale establishments having at least one establishment with over $\$ 2$ million in sales and primarily engaged in the distribution of fish and seafood. The precanvass was designed to determine whether these manufacturing and wholesaling establishments were also engaged in commercial fishing. The census of commercial fisheries form was later mailed to these establishments that indicated that they were engaged in commercial fishing.

The initial survey accounted for about 5,000 vessels. A list of the vessels from the 1963 census was prepared and checked against the larger list of commercial fishing vessels maintained by the Bureau of Commercial Fisheries. The owners and operators of the vessels not covered in the initial survey were canvassed on a 1964 Supplemental Vessel Inquiry report. The data received on this form were combined, after adjustment for the change in activity between 1963 and 1964, with those from the initial survey.

1967 Census-The source of addresses for commercial fishing vessel operators was jointly prepared by the U.S. Coast Guard and the Bureau of Commercial Fisheries. The Coast Guard prepared the initial mailing list of fishing vessels based on their files, which are used to develop the Bureau of Customs' publication, "Merchant Vessels of the United States." This list of fishing vessels was obtained from their master file of all merchant vessels, and contained all vessels classified in one of the four fishing categories maintained in that file. These categories are cod fishing; whale fishing; fishing, except cod and whale; and oystering.

The Bureau of Commercial Fisheries added those vessels, not already on the Coast Guard's list, that their records indicated were engaged in commercial fishing during 1967, and forwarded the complete list of fishing vessels to the Census Bureau for the mailing of the 1967 census forms.

Since the basic mailing list supplied by the Coast Guard contained the names and addresses of vessel owners rather than the vessel operators, a special instruction was added to the census report form that asked vessel owners who did not operate their vessel in 1967 to supply all of the vessel information available from their records together with a list (name, address, and dates operated) of the persons (captain or other person in charge of vessel) who operated their vessel. All operators listed by a vessel owner were mailed a census report form requesting all operating data for the vessel, and a single report covering each vessel's total activity during 1967 was included in the census.

## NONMAIL ADMINISTRATIVE RECORDS

Since the mailing list for 1963 was limited to establishments with paid employees, provisions were made to obtain some data from the administrative records of other government agencies for those part-time and full-time fishermen without paid employees. Similar information was also obtained for 1967. Under special arrangement which safeguarded the confidentiality of both tax and census records, gross receipts and industry classification data from the administrative records of the Social Security Administration and the Internal Revenue Service were made available to the Census Bureau for use in both censuses.

The nonmail data for 1967 census more than doubled over 1963. However, it is believed that the bulk of this increase is accounted for by the inclusion of sport fishing craft and fish hatcheries, farms, and preserves with the commercial fishing classification of the administrative record file in 1967. In the Standard Industrial Classification Manual, sport fishing craft are classified into Industry 7949, Amusement and Recreation Services, Not Elsewhere Classified; and fish hatcheries, farms, and preserves are classified into SIC Industry 0989, Fish Hatcheries, Farms, and Preserves. It now appears that, for 1967, data for both of these activities were included with the data for the commercial fishing industries: 0912 Finfish; 0913, Shellfish; 0914, Whale Products; and 0919, Miscellaneous Marine Products. The misclassification of these reporting units is understandable in light of the small size of the units, many of which simply indicated their activities as fishing.

## COVERAGE

Receipts-A comparison of the gross receipts ( $\$ 324.6$ million) reported in the 1967 Census of Commercial Fisheries with the value of catch ( $\$ 439.6$ million) reported by the Bureau of Commercial Fisheries for 1967 indicates that the census covered about 74 percent of the commercial fishing activity in the United States. In 1963, the census accounted for about 73 percent of the commercial fishing activity. The difference between the Census Bureau and Bureau of Commercial Fisheries data appears to be accounted for by the exclusion from the censuses of fisheries of data for all boat operators (boats are craft under 5 tons) and vessels that are not primarily engaged in commercial
fishing and data for part-time and full-time fishermen without paid employees. In both 1967 and 1963, such operations accounted for approximately 30 percent of total fishing receipts, according to Bureau of Commercial Fisheries estimates.

Vessels-In 1967, records of the Bureau of Commercial Fisheries showed there were 12,874 vessels engaged in commercial fishing, whereas the 1967 Census of Commercial Fisheries indicates there were 12,218 such vessels. In 1963, these numbers were 11,928 and 10,666 vessels, respectively. The differences in these vessel counts in both censuses are accounted for by the definition used to describe a commercial fishing vessel. A commercial fishing vessel in the census of commercial fisheries is a vessel with receipts primarily derived from commercial fishing. The Bureau of Commercial Fisheries figures include vessels engaged in commercial fishing during any part of the year, even though the primary activity for the year may have been sport fishing or the transportation of fish.

## CONFIDENTIALITY OF DATA FOR INDIVIDUAL COMMERCIAL FISHING VESSEL OPERATORS

The Bureau of the Census is prohibited by law from publishing any statistics that disclose information reported by individual commercial fishing vessel operators. In withholding figures to avoid disclosing such information, geographic or fishing-region and division data are given precedence over individual State or port data.
table 1. Number of Commercial Fishing Vessel Operators and Gross Receipts, by Geographic Divisions and States: 1967 and 1963


- Represents zero.
(D) Withheld to avoid disclosing data for individual companies.

Table 2. Selected Statistics for Commercial Fishing Vessel Operators by Primary Catch and Region and Home Port: 1967 and 1963


See footnotes at end of table.

Table 2. Selected Statistics for Commercial Fishing Vessel Operators by Primary Catch and Region and Home Port: 1967 and 1963-Continued

| Primary catch, fishing region ${ }^{\mathbf{1}}$, and home port of operation | 1967 |  |  |  |  |  | $\begin{gathered} \text { 1963 } \\ \text { gross } \\ \text { receipts } \end{gathered}$ |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  | Emp |  | Operating |  |  |
|  | Vessel operators <br> (number) | Vessels operated <br> (number) | Average for year (number) | $\begin{aligned} & \text { Payroll } \\ & (\$ 1,000) \end{aligned}$ | cost, excluding payioll $(\$ 1,000)$ | Gross <br> receipts $(\$ 1,000)$ |  |
| FINFISH--Continued |  |  |  |  |  |  |  |
| South Atlantic ports, total................... | 176 | 312 | 526 | 2,541 | 4,069 | 8,427 | (NA) |
| Beaufort-Morehead, N.C... | 21 | 36 | 142 | 738 | 992 | 1,923 |  |
| Fernandina Beach, Fla.......................... | 8 | 22 | 58 | 298 | 428 | 837 | (NA) |
| Other South Atlantic ports..................... | 147 | 254 | 326 | 1,505 | 2,649 | 5,667 | (NA) |
| Gulf ports, total.. | 463 | 1,024 | 2,289 | 11,174 | 15,143 | 33,076 | (NA) |
| Cameron, La.... | (D) | (D) ${ }^{-}$ | (D) | (D) | (D) ${ }^{-}$ | (D) | (NA) |
| Golden Meadow, La. | (D) | (D) | (D) | (D) | (D) | (D) | (NA) |
| Houma-Dulac, La.. | 14 | 39 | 40 | 324 | 335 | 890 | (NA) |
| Morgan City, La.. | (D) | (D) | (D) | (D) | (D) | (D) | (NA) |
| Pascagoula-Moss Point, Miss. | 10 | 29 | 145 | 614 | 519 | 1,494 | (NA) |
| Brownsville, Tex.. | 32 | 118 | 276 | 1,640 | 2,492 | 5,072 | (NA) |
| Other Gulf ports. | 396 | 791 | 1,720 | 7,922 | 10,958 | 23,697 | (NA) |
| Pacific ports, total. | ${ }^{2} 3,714$ | 24,256 | 23,977 | 230,510 | 244,101 | 293,679 | (NA) |
| Kodiak, Alaska... | 44 | 48 | 58 | 543 | 714 | 1,481 | (NA) |
| San Diego, Calif. | 178 | 203 | 820 | 8,747 | 11,542 | 23,344 | (NA) |
| San Pedro, Calif.. | 81 | 85 | ${ }^{227}$ | 1,868 | 2,105 | 4,699 | (NA) |
| Other Pacific ports. | ${ }^{2} 3,411$ | ${ }^{2} 3,920$ | ${ }^{2} 2,872$ | ${ }^{2} 19,352$ | ${ }^{2} 29,740$ | ${ }^{2} 64,155$ | (NA) |
| Other U.S. ports. | $\left.{ }^{2}\right)$ | $\left({ }^{2}\right)$ | $\left({ }^{2}\right)$ | $\left({ }^{2}\right)$ | $\left({ }^{2}\right)$ | ${ }^{2}$ ) | (NA) |
| OTHER MARINE PRODUCTS |  |  |  |  |  |  |  |
| United States, total. | 4,744 | 5,210 | 7,412 | 40,036 | 63,002 | 132,840 | (NA) |
| Great Lakes ports.. | 15 | 18 | 22 | 104 | 134 | 339 | (NA) |
| Mississippi River and tributaries ports. | 47 | 50 | 42 | 178 | 290 | 666 | (NA) |
| New England ports, total. | 212 | 219 | 535 | 4,410 | 3,712 | 9,455 | (NA) |
| Portland, Maine... | 12 | 12 | 8 | 72 | 64 | 196 | (NA) |
| Rockland, Maine.. | 9 | 10 | 40 | 280 | 305 | 648 | (NA) |
| Boston, Mass.... | 8 | 8 | 8 | 34 | 86 | 157 | (NA) |
| Gloucester, Mass.. | 8 | 8 | 11 | 118 | 98 | 233 | (NA) |
| New Bedford, Mass.. | 56 | 57 | 378 | 3,211 | 2,350 | 6,056 | (NA) |
| Point Judith, R.I...... | 6 | 6 | 12 | 143 | 141 | 342 | (NA) |
| Other New England ports..... | 113 | 118 | 78 | 552 | 668 | 1,823 | (NA) |
| Middle Atlantic ports.. | 150 | 157 | 337 | 2,531 | 2,486 | 6,202 | (NA) |
| Chesapeake ports, total. | 972 | 1,002 | 864 | 3,638 | 4,939 | 12,264 | (NA) |
| Reedville, Va... | 92 | 93 | 281 | 1,491 | 2,218 | 4,363 | (NA) |
| Hampton, Va... | 10 | 11 | 40 | 332 | 204 | 632 | (NA) |
| Other Chesapeake ports. | 870 | 898 | 543 | 1,815 | 2,517 | 7,269 | (NA) |
| South Atlantic ports, total. | 646 | 709 | 878 | 3,922 | 6,661 | 13,802 | (NA) |
| Beaufort-Morehead, N.C.. | 33 | 34 | 52 | 189 | 300 | 703 | (NA) |
| Fernandina Beach, Fla.. | 59 | 67 | 161 | 639 | 1,226 | 2,225 | (NA) |
| Other South Atlantic ports. | 554 | 608 | 665 | 3,094 | 5,135 | 10,874 | (NA) |
| Gulf ports, total... | 2,231 | 2,560 | 3,897 | 18,644 | 34,444 | 68,098 | (NA) |
| Cameron, La. ... | 19 | ${ }^{21}$ | 54 | 240 | 293 | 921 | (NA) |
| Empire, La........ | (D) | (D) | (D) | (D) | (D) | (D) | (NA) |
| Golden Meadow, La... | (D) | - (D) | (D) | (D) | (D) | (D) | (NA) |
| Houma-Dulac, La... | 176 | 185 | 147 | 622 | 1,364 | 2,789 | (NA) |
| Morgan City, La......... | (D) | (D) | (D) | (D) | (D) | (D) | (NA) |
| Pascagoula-Moss Point, Miss. | 24 | 25 | 40 | 134 269 | $\begin{array}{r}338 \\ 4 \\ \hline 084\end{array}$ | 701 7974 | (NA) |
| Brownsville, Tex.......... | 147 1.759 | 184 2,024 | 425 2.956 | 2,369 13,943 | 4,084 26,046 | 7,974 50,539 | (NA) |
| Other Gulf ports............................... | 1,759 | 2,024 | 2,956 | 13,943 | 26,046 | 50,539 | (NA) |
| Pacific ports, total. | ${ }^{2} 471$ | ${ }^{2} 495$ | ${ }^{2} 837$ | 26,609 | ${ }^{2} 10,336$ | ${ }^{2} 22,014$ | (NA) |
| Kodiak, Alaska..... | 35 | 38 | 86 | 754 | 1,200 | 2,260 | (NA) |
| San Diego, Calif.. | 11 | 11 | 38 | 192 | 246 | 509 | (NA) |
| San Pedro, Calif.... | 17 2408 | 18 2428 | 36 2677 | 198 25 | 257 28,633 | 595 218,650 | (NA) |
| Other Pacific ports............................ | ${ }^{2} 408$ | ${ }^{2} 428$ | ${ }^{2} 677$ | ${ }^{2} 5,465$ | ${ }^{2} 8,633$ | ${ }^{2} 18,650$ | (NA) |
| Other U.S. ports...... | $\left({ }^{2}\right)$ | ${ }^{2}$ ) | ${ }^{2}$ ) | $\left({ }^{2}\right)$ | $\left.{ }^{2}\right)$ | ${ }^{(2)}$ | (NA) |

Note: Region vessel counts in this table differ from region vessel counts shown in tables 6 and 7 , because in this table all vessels for an operator are tabulated in the primary region in which the operators fish, while in tables 6 and 7 each vessel is tabulated in the region in which the vessel fished.

[^1]table 3. Detailed Statistics for Commercial Fishing Vessel Operators by Primary Catch: 1967

| ( |
| :--- |

${ }^{1}$ Comparable 1963 data on monthly employment and annual payroll for fishermen, including shore workers, is shown in the 1963 Census of Commercial Fisheries.

TABLE 4. Selected Statistics for Commercial Fishing Vessel Operators, by Employment Size of Operator and Primary Catch: 1967

| Primary catch and item | Commercial fishing operators, total | Operators with an average of-- |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  | Less than 5 employees | $5 \text { to } 9$ <br> employees | 10 to 19 employees | 20 to 49 employees | 50 to 99 employees | $\begin{aligned} & 100 \\ & \text { employees } \\ & \text { and over } \end{aligned}$ |
| ALL COMMERCIAL FISHING |  |  |  |  |  |  |  |
| Operators...................................... number. . | 10,267 | 9,347 | 629 | 234 | 52 | 5 | - |
| Employees: |  |  |  |  |  |  |  |
| Average for year..............................do.... | 17,756 | 8,864 | 4,097 | 2,979 | 1,467 | 349 | - |
| Payro11.................................... $\$ 1,000 .$. | 106,417 | 46,416 | 27,410 | 21,383 | 9,503 | 1,705 | - |
| operating cost.................................do. ${ }^{\text {do.. }}$ | 149,719 | 78,718 | 32,140 | 25,500 | 11,323 | 2,038 | - |
| FINFISH |  |  |  |  |  |  |  |
| operators..................................... . number. . | 5,523 | 4,922 | 387 | 163 | 46 | 5 | - |
| Vesse1s operated...............................di.... | 7,008 | 5,453 | 718 | 451 | 344 | 42 | - |
| Employees: |  |  |  |  |  |  |  |
| Average for year............................. ${ }^{\text {do.... }}$ | 10,344 | 4,081 | 2,500 | 2,115 | 1,299 | 349 | - |
| Payro11..................... . . . . . . . . . . . . \$1,000. . | 66,381 | 23,125 | 17,206 | 15,705 | 8,640 | 1,705 | - |
| Operating cost.................................do.... | 86,717 | 37,032 | 18,314 | 19,112 | 10,221 | 2,038 | - |
| Gross receipts..................................do. | 191,744 | 82,500 | 43,109 | 39,928 | 22,026 | 4,181 | - |
| Operators....... . . . . . . . . . . . . . . . . . . . . . . . number. . | 4,744 | 4,425 | 242 | 71 | 6 | - | - |
| Vesse1s operated...............................d. ${ }^{\text {do... }}$ | 5,210 | 4,620 | 422 | 135 | 33 | - | - |
| Fmp1oyees: |  |  |  |  |  |  |  |
| Average for year.............................d. ${ }^{\text {do.... }}$ | 7,412 | 4,783 | 1,597 | 864 | 168 | - | - |
| Payro11...................... . . . . . . . . . . . . . $\$ 1,000 .$. | 40,036 | 23,291 | 10,204 | 5,678 | 863 | - | - |
| operating cost.................................do. ${ }^{\text {. . . }}$ | 63,002 | 41,686 | 13,826 | 6,388 | 1,102 | - | - |
| Gross receipts.................................. do.... | 132,840 | 87,632 | 29,037 | 13,600 | 2,571 | - | - |

- Represents zero.
table 5. Number of Commercial Fishing Vessels, by Year Built and Size: 1967

| Length of vessel | Commercial fishing vessels, total | Year buill |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  | Prior <br> to 1930 | $\begin{gathered} 1930 \text { to } \\ 1939 \end{gathered}$ | $\begin{gathered} 1940 \text { to } \\ 1949 \end{gathered}$ | $\begin{gathered} 1950 \text { to } \\ 1959 \end{gathered}$ | $\begin{aligned} & \text { Since } \\ & 1960 \end{aligned}$ |
| Commercial fishing vessels, total | 12,218 | 1,748 | 1,225 | 3,669 | 3,081 | 2,495 |
| Vesse1s less than 30 feet...... | 424 | - 60 | 35 | 86 | 130 | 113 |
| Vessels 30 to 59 feet. | 9,114 | 1,371 | 1,056 | 3,026 | 2,189 | 1,472 |
| Vesse1s 60 to 89 feet........... | 2,290 | 275 | 108 | 387 | 688 | 832 |
| Vessels 90 to 119 feet......... | 210 | 24 | 13 | 101 | 39 | 33 |
| Vesse1s 120 feet and over...... | 180 | 18 | 13 | 69 | 35 | 45 |

TABLE 6. Number of Commercial Fishing Vessels, by Fishing Region and Vessel Characteristics: 1967

| Item | Commercial fishing vessels, total | Fishing region ${ }^{2}$ |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  | Great Lakes | Mississippi River | New England | Niiddle Atlantic | Chesapeake | South Atlantic | Gulf | Pacific | Other U.S. regions |
| Length of vesse1, total................ | 12,218 | 314 | 69 | 695 | 419 | 1,337 | 1,031 | 3,602 | ${ }^{2} 4,751$ | $\left({ }^{2}\right)$ |
| Less than 30 feet..................... | 424 | 10 | 1 | 7 | 13 | 3 | 29 | 46 | ${ }^{2} 315$ | ${ }^{2}$ ) |
| 30 to 59 feet.......................... . | 9,114 | 301 | 62 | 359 | 249 | 1,231 | 775 | 2,222 | ${ }^{2} 3,915$ | (2) |
| 60 to 89 feet. | 2,290 | 3 | 6 | 222 | 123 | 54 | 203 | 1,272 | ${ }^{2} 407$ | (2) |
| 90 to 119 feet.. | 210 | - | - | 89 | 17 | 13 | 8 | 15 | ${ }^{2} 68$ | $\left({ }^{2}\right)$ |
| 120 feet and over..................... | 180 | - | - | 18 | 17 | 36 | 16 | 47 | ${ }^{2} 46$ | (2) |
| Principal type of gear, total.......... | 12,218 | 314 | 69 | 695 | 419 | 1,337 | 1,031 | 3,602 | ${ }^{2} 4,751$ | $\left({ }^{2}\right)$ |
| Purse seine.. | 1,282 | - | - | 33 | 31 | 49 | 58 | 132 | ${ }^{2} 979$ | $\left({ }^{2}\right)$ |
| Otter traw1...... | 4,240 | 10 | , | 421 | 149 | 59 | 697 | 2,681 | ${ }^{2} 223$ | $\left({ }^{2}\right)$ |
| Gill or trammel nets.. | 1,230 | 228 | 36 | 20 | 17 | 96 | 57 | 83 | ${ }^{2} 693$ | (2) |
| Long 1ine... | 255 | - | - | 6 | 1 | 7 | 2 | 11 | ${ }^{2} 228$ | $\left({ }^{2}\right)$ |
| Tro11 1ine.. | 2,152 | - | 2 | 8 | 5 | 8 | 26 | 107 | ${ }^{2} 1,996$ | ${ }^{2}$ ) |
| Dredge.... | 792 | - | 25 | 72 | 141 | 319 | 41 | 172 | ${ }^{2} 22$ | ${ }^{2}$ ) |
| Pots and traps.. | 1,016 | 35 | - | 108 | 38 | 316 | 65 | 92 | ${ }^{2} 362$ | $\left({ }^{2}\right)$ |
| Harpoon.... | 19 | , | - | 1 | - |  | - | - | ${ }^{2} 18$ | ${ }^{2}$ ) |
| Pound net.. | 119 | 12 | - | 8 | 9 | 73 | 11 | 6 | - | - |
| Hand 1ine. | 342 | - | - | 6 | 2 | 7 | 38 | 185 | ${ }^{2} 104$ | ${ }^{2}$ ) |
| Other. | 771 | 29 | 6 | 12 | 26 | 403 | 36 | 133 | ${ }^{2} 126$ | (2) |
| Major construction material, total.... | 12,218 | 314 | 69 | 695 | 419 | 1,337 | 1,031 | 3,602 | 24,751 | $\left({ }^{2}\right)$ |
| Wood.. | 11,163 | 143 | 66 | 630 | 383 | 1,315 | 999 | 3,217 | ${ }^{2} 4,410$ | ${ }^{2}$ ) |
| Stee1..... | 935 | 170 | 3 | 61 | 35 | 22 | 31 | 383 | ${ }^{2} 230$ | (2) |
| Fiberglass............................. | 104 | - | - | 3 | 1 | - | 1 | 2 | ${ }_{2}^{2} 97$ | ${ }^{(2)}$ |
| Aluminum and other material.......... | 16 | 1 | - | 1 | - | - | - | - | ${ }^{2} 14$ | ${ }^{(2)}$ |
| E1ectronic equipment: |  |  |  |  |  |  |  |  |  |  |
| Vessels with one or more types of electronic equipment. | 10,167 | 199 | 40 | 633 | 365 | 619 | 852 | 2,975 | 24,484 | ( ${ }^{2}$ ) |
| Vessels with-- |  |  |  |  |  |  |  |  |  |  |
| Radio telephone.................... | 9,066 | 122 | 32 | 587 | 308 | 453 | 728 | 2,574 | 24,262 | ${ }^{2}$ ) |
| Radar........... . . . . . . . . . . . . . . . . | 1,780 | 8 | - | 399 | 111 | 47 | 49 | 96 | ${ }^{2} 1,070$ | (2) |
| Loran. . . . . . . . . . . . . . . . . . . . . . . . . | 2,977 | 4 | - | 411 | 176 | 59 | 115 | 464 | 21,748 | (2) |
| Radio direction finder........... . | 2,084 | 5 | - | 90 | 35 | 28 | 46 | 230 | ${ }^{2} 1,650$ | (2) |
| Depth recorder..................... | 8,177 | 186 | 19 | 554 | 282 | 413 | 634 | 2,237 | 23,852 | ${ }^{2}$ ) |
| Fish finder......................... | 914 | 10 | - | 270 | 78 | 46 | 60 | 107 | 343 | $\left.{ }^{2}\right)$ |
| Automatic pilot.................... | 5,683 | 59 | 12 | 175 | 100 | 79 | 516 | 1,899 | ${ }^{2} 2,843$ | (2) |
| other............................... | 1,108 | 5 | 10 | 52 | 56 | 90 | 108 | 383 | ${ }^{2} 404$ | ${ }^{2}$ ) |
| Vessels without electronic equipment. | 2,051 | 115 | 29 | 62 | 54 | 718 | 179 | 627 | ${ }^{2} 267$ | ${ }^{2}$ ) |
| Principal species of fish: <br> Finfish, total. | 5,840 | 295 | 3 | 463 | 192 | 229 | 143 | 334 | ${ }^{2} 4,181$ | ${ }^{2}$ ) |
| Cod................................... | 125 | - | - | 68 | 4 | - | - | - | ${ }^{2} 53$ | ${ }^{2}$ ) |
| F1ounder. . . . . . . . . . . . . . . . . . . . . . . . | 356 | - | - | 175 | 94 | 25 | 21 | 5 | ${ }^{2} 36$ | (2) |
| Haddock. . . . . . . . . . . . . . . . . . . . . . . . . | 75 | - | - | 72 | 3 | - | - | - | - |  |
| Ha1ıbut. . . . . . . . . . . . . . . . . . . . . . . . . . | 164 | - | - | 4 | - | - | - | - | ${ }^{2} 160$ | $\left(^{2}\right.$ ) |
| Mu11et......................... . . . . . . | 50 | - | - | - | - | - | 10 | 37 | ${ }^{2} 3$ | $\left({ }^{2}\right)$ |
| Ocean perch. . . . . . . . . . . . . . . . . . . . . | 53 | - | - | 25 | - | - | - | - | ${ }^{2} 28$ | (2) |
| Sa1mon...... | 3,115 | - | - | 3 | - | - | - | - | 23,112 | ${ }^{2}$ ) |
| Scup or porgy........................ | 29 | - | - | 10 | 14 | 4 | - | 1 | - | - |
| Snapper, red......................... | 222 | - | - | - | - | - | 26 | 167 | 229 | $\left({ }^{2}\right)$ |
| Tuna................................... | 651 | - | - | 2 | 1 | - | 3 | 7 | 2638 | $\left({ }^{2}\right)$ |
| Whiting. . . . . . . . . . . . . . . . . . . . . . . | 114 | - | - | 69 | 39 | 5 | - | 1 | - | - |
| 0ther finfish........................ | 886 | 295 | 3 | 35 | 37 | 195 | 83 | 116 | ${ }^{2} 122$ | $\left({ }^{2}\right)$ |
| Shel1fish, tota1...................... | 6,071 | - | 64 | 222 | 207 | 1,061 | 862 | 3,143 | ${ }^{2} 512$ | $\left({ }^{2}\right)$ |
| clams................................ | 295 | - | - | 19 | 127 | 134 | 10 | 5 | - | - |
| Crabs....................... . . . . . . . . . | 961 | - | - | 1 | 10 | 418 | 81 | 29 | ${ }^{2} 422$ | ${ }^{8}$ ) |
| Lobsters, northern................... | 174 | - | - | 127 | 29 | 4 | 14 | - | - | - |
| Lobsters, splny.......... . . . . . . . . . . | 80 | - | - | - | - | - | 19 | 61 | $-$ | (2) |
| Oysters........................ . . . . . | 758 | - | 27 | 13 | 30 | 465 | 32 | 167 | 22 | $\left({ }^{2}\right)$ |
| Scallops.............................. | 61 | - | $\overline{7}$ | 40 | 4 | 11 | 2 | 4 | - | (2) |
| Shrimp............................... | 3,737 | - | 37 | 21 | 7 | 29 | 704 | 2,876 | 263 | ${ }^{2}$ ) |
| Other sheilfish.............. | 5 | - | - | 1 | - | - | - | 1 | ${ }^{2} 3$ | ${ }^{2}$ ) |
| Nonfcod fish, total.................. | 307 | 19 | 2 | 10 | 20 | 47 | 26 | 125 | ${ }^{2} 58$ | $\left({ }^{2}\right)$ |
| Anchovy............................... | 31 | - | - | - | - | - | - | - | ${ }^{2} 31$ | ${ }^{2}$ ) |
| Menhaden.............................. . . | 144 | - | - | 1 | 19 | 45 | 23 | 56 | - | ( |
| other.... | 30 | 2 | - | 3 | - | 1 | 1 | 12 | ${ }^{2} 11$ | $\left({ }^{2}\right)$ |
| For pet foods. . . . . . . . . . . . . . . . . . . | 77 | 13 | 2 | 6 | 1 | 1 | 1 | 46 | ${ }^{2} 7$ | (2) |
| For other uses...................... | 25 | 4 | - | - | - | - | 1 | 11 | ${ }^{2} 9$ | (2) |

Note: Region vessel counts in this table differ from region vessel counts shown in table 2, because in this table each vessel is tabulated in the region in which the vessel fished, while in table 2 all vessels for an operator are tabulated in the primary region in which the operator fished.

[^2]${ }^{2}$ Data for 0 ther U.S. regions included with Pacific.
table 7. Number of Commercial Fishing Vessels, by Fishing Region and Utilization of Time: 1967

| Utilization of time | United States, total | Fishing region ${ }^{1}$ |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  | Great Lakes | Mississippi River | New England | N.iddle Atlantic | Chesapeake | South Atlantic | Gulf | Pacific | Other U.S. regions |
| Number of vessels....................... | 12,218 | 314 | 69 | 695 | 419 | 1,337 | 1,031 | 3,602 | ${ }^{2} 4,751$ | ${ }^{2}$ ) |
| Number of vessels reporting utilization | 11,974 | 314 | 65 | 689 | 417 | 1,303 | 1,000 | 3,540 | ${ }^{2} 4,646$ | ${ }^{2}$ ) |
| Number of vessel-days reported, total.. | 4,370,510 | 114,610 | 23,725 | 251,485 | 152,205 | 475,595 | 365,000 | 1,292,100 | ${ }^{2} 1,695,790$ | ${ }^{2}$ ) |
| Commercial fishing.................... | 1,685,614 | 45,126 | 10,595 | 117,616 | 63,761 | 191,627 | 159,687 | 618,877 | ${ }^{2} 478,325$ | ${ }^{2}$ ) |
| Layovers and holidays................. | 2,202,405 | 58,404 | 10,400 | 96,460 | 63, 801 | 234,540 | 164,000 | 506,220 | ${ }^{2} 1,068,580$ | ${ }^{(2)}$ |
| In port, bad weather.................. | 297,222 | 8,164 | 1,755 | 22,737 | 17,097 | 35,181 | 26,000 | 102,660 | ${ }^{2} 83,628$ | ${ }^{(2)}$ |
| Laid up for repairs................... | 177,924 | 2,826 | 975 | 14,469 | 7,506 | 13,030 | 15,000 | 63,720 | ${ }^{2} \mathbf{2} 60,398$ | $\left(^{2}\right.$ ) |
| Use other than fishing............... | 7,345 | 90 | - | 203 | 40 | 1,217 | 313 | 623 | ${ }^{2} 4,859$ | (2) |
| Average number of days each vessel engaged in-- |  |  |  |  |  |  |  |  |  |  |
| Commercial fishing.................... | 140 | 144 | 163 | 171 | 153 | 147 | 160 | 175 | ${ }^{2} 103$ | ${ }^{2}$ ) |
| Layovers and holidays................. | 184 | 186 | 160 | 140 | 153 | 180 | 164 | 143 | ${ }^{2} 230$ | (2) |
| In port, bad weather. | 25 | 26 | 27 | 33 | 41 | 27 | 26 | 29 | ${ }^{2} 18$ | ${ }^{2}$ ) |
| Laid up for repairs.. | 15 | 9 | 15 | 21 | 18 | 10 | 15 | 18 | ${ }^{2} 13$ | ${ }^{(2)}$ |
| Use other than fishing............... | 1 | - | - | - | - | 1 | - | - | ${ }^{2} 1$ | ${ }^{2}$ ) |

Note: Region vessel counts in this tablediffers from region vessel counts shown in table 2 , because in this table each vessel is tabulated in the region in which the vessel fished, while in table 2 all vessels for an operator are tabulated in the primary region in which the operator fished.

[^3]table 8. Commercial Fishing Vessel Operators' Receipts for Catch Sold, by Fishing Region and Home Port of Vessel and of Sale of Catch: 1967


See footnotes at end of table.
table 8. Commercial Fishing Vessel Operators' Receipts for Catch Sold, by Fishing Region and Home Port of Vessel and of Sale of Catch: 1967-Continued


[^4]$\operatorname{man}$

| 1967 Census |  |  |
| :--- | :---: | :---: |
| 1963 Census |  |  |
| Commercial fishing operators |  |  |
| Consists of companies and individuals operating <br> commercial fishing vessels. A company or in- <br> dividual was counted as a single operation <br> regardless of the number of vessels operated. | Same as 1967, plus a small number of boats <br> operated with paid employees. |  |

## Employees

Information for total employees was not collected. Data for fishermen and shareworkers were collected using the definition shownbelow.

Annual average of all employees (captains, mates, engineers, crewmen, cooks, office workers, unloaders, etc.) engaged in commercial fishing. Excludes proprietors and partners.

## Fishermen and shareworkers

Average of the 12 monthly employment figures of fishermen and shareworkers (captains, mates, engineers, crewmen, cooks, etc.) on commercial fishing vessels during the pay period including the 12th of each month.

| All other employees |  |  |
| :--- | :--- | :---: |
| Not collected. | Average of the 12 monthly employment figures <br> of empoyees other than fishermen and share- <br> workers, such as office workers, unloaders, etc., <br> during the pay period nearest the 15th of the <br> month. |  |

## Payroll

Gross earnings paid to fishermen and shareworkers on commercial fishing vessels. Respondents were told they could follow the definition of payroll used for calculating the Federal withholding tax. Payroll includes all forms of compensation such as salaries, wages, shares, commission, dismissal pay, all bonuses, vacation and sick pay, and compensation in kind, prior to such deductions as employees' Social Security contribution, withholding taxes, group insurance, union dues, and savings bonds. Payroll data exclude payments to proprietors and partners.

Fishermen and shareworkers payroll
By share: Includes the amount of payments Same as $1967^{2}$ made to employees on vessels by the share method.

By all other Methods: Includes the amount of payments made to employees on vessels by methods other than share.

## All other employees payroll

Not collected. Includes the amount of payments made to employees other than fishermen and sharewörkers, such as office workers and unloaders. Excludes payments to proprietors and partners.

| 1967 Census | 1963 Census |
| :---: | :---: |
| Operating costs, excluding payroll |  |
| lncludes all vessel operating costs except payroll incurred by operators of commercial fishing vessels. Separate figures were obtained for (a) fuel and oil; (b) net repairs, replacement, and addition; (c) vessel repairs and annual overhead; (d) rental of electronic gear; (e) insurance-hull, personal, and indemnity; ( $f$ ) depreciation of vessel and gear; (g) leased or rental cost of vessel; and (h) all other vessel costs, excluding payroll. | Not collected |
| Gross receipts |  |
| Includes gross value before deductions received by operators of commercial fishing vessels. Separate figures were obtained for (a) edible finfish; (b) edible shellfish; (c) nonfood fish (sponge, menhaden, anchovy for reduction, etc.); and (d) all other receipts for use of vessels (hauling freight or passengers, sport, fishing, etc.). | Same as 1967 Census, except detail by species (fin, shell, and nonfood fish) was not collected, and separate data were obtained on receipts derived from activities other than use of vessels and boats (sale of nets, traps, etc.). |
| Vessel |  |
| Craft with gross tonnage of 5 tons or more. | Same as 1967 |
| Boat |  |
| Not collected | Craft with gross tonnage of less than 5 tons. |

## Appendix B FISHING REGION DESCRIPTIONS FOR BOTH 1967 AND 1963

The Fishing Regions shown in this report correspond to those used by the Bureau of Commercial Fisheries, U.S. Fish and Wildlife Service, Department of Interior. Fishing Regions are defined, as follows:

## GREAT LAKES:

Illinois--counties of Cook and Lake
Indiana--counties of Lake, La Porte, and Porter
Michigan--entire State
Minnesota--counties of Cook, Lac Qui Parle, Lake, Lake of the Woods, Roseau, and St. Louis
New York--counties of Cayuga, Chautauqua, Erie, Jefferson, Monroe, Niagara, Orleans, Oswego, and Wayne
Ohio--entire State
Pennsylvania--all counties except Philadelphia.
Wisconsin--counties of Ashland, Bayfield, Brown, Door, Douglas, Florence, Forest, Iron, Kenosha, Kewaunee, Manitowoc, Marinette, Monroe, Oconto, Ozaukee, Racine, Sheboygan, and Vilas

## MISSISSIPPI RIVER AND TRIBUTARIES:

Alabama--all counties except Baldwin and Mobile
Arkansas--entire State
Illinois--all counties except Cook and Lake
Indiana--all counties except Lake, La Porte, and Porter
Lowa--entire State
Kansas--entire State
Kentucky--entire State
Louisiana--all parishes except Cameron, Iberia, Jefferson, Lafourche, Plaquemines, St. Bernard, St. Mary, St. Tammany, Tangipahoa, Terrebonne, and Vermillion
Minnesota--all counties except Cook, La Qui Parle, Lake, Lake of the Woods, Roseau, and St. Louis
Mississippi--all counties except Hancock, Harrison, and Jackson
Missouri--entire State
Montana--entire State
Nebraska--entire State
North Carolina--all counties except Beaufort, Bertie, Brunswick, Camden, Carteret, Chowan, Craven, Currituck, Dare, Hyde, New Hanover, Onslow, Pamlico, Pasquotank, Pender, Perquimans, Pitt, Tyrrell, and Washington
Oklahoma--entire State
South Dakota--entire State
Tennessee--entire State
Texas--all counties except Aransas, Brazoria, Calhoun, Cameron, Chambers, Galveston, Harris, Jackson, Jefferson, Kenedy, Kleberg, Matagorda, Nueces, Orange, Refugio, San Patricio, Victoria, and Willacy
Wisconsin--all counties except Ashland, Bayfield, Brown, Door, Douglas, Florence, Forest, Iron, Kenosha, Kewaunee, Manitowac, Marinette, Monroe, Oconto, Ozaukee, Racine, Sheboygan, and Vilas
Wyoming--entire State

NEW ENGLAND:
Connectucut--entire State
Maine--entire State
Massachusetts--entire State
New Hampshire--entire State
Rhode Island--entire State
MIDDLE ATLANTIC:
Delaware--entire State
New Jersey--entire State
New York--all counties except Cayuga, Chautauqua, Erie, Jefferson, Monroe, Niagara, Orleans, Oswego, and Wayne
Pennsylvania--county of Philadelphia

## CHESAPEAKE:

Maryland--entire State
Virginia--entire State
SOUTH ATLANTIC:
Florida--counties of Brevard, Broward, Dade, Duval, Flagler, Glades, Hendry, Indian River, Martin, Nassau, Okeechobee, Palm Beach, St. Johns, St. Lucie, and Volusia
Georgia--entire State
North Carolina--counties of Beaufort, Bertie, Brunswick, Camden, Carteret, Chowan, Currituck, Dare, Hyde, New Hanover, Onslow, Pamlico, Pasquotank, Pender, Perquimans, Pitt, Tyrrell, and Washington South Carolina--entire State

GULF:
Alabama--counties of Baldwin and Mobile.
Florida--all counties except Brevard, Broward, Dade, Duval, Flagler, Glades, Hendry, Indian River, Martin, Nassau, Okeechobee, Palm Beach, St. Johns, St. Lucie, and Volusia
Louisiana--parishes of Cameron, Iberia, Jefferson, Lafourche, Plaquemines, St. Bernard, St. Mary, St. Tammany, Tangipahoa, Terrebonne, and Vermilion
Mississippi--counties of Hancock, Harrison. and Jackson
Texas-counties of Aransas, Brazoria, Calhoun, Cameron, Chambers, Galveston, Harris, Jackson, Jefferson, Kenedy, Kleberg, Matagorda, Nueces, Orange, Refugio, San Patricio, Victoria, and Willacy
PACIFIC:
Alaska--entire State
California--entire State
Oregon--entire State
Washington--entire State
Hawaii--entire State
ALL OTHER STATES--includes all counties in the following States: Arizona, Colorado, District of Columbia, Idaho, Nevada, New Mexico, North Dakota, Utah, Vermont, and West Virginia.

## Appendix C

PENALTY FOR FAILURE TO REPORT DUE DATE - APRIL 30.1968



## Appendix D

PROVISIONS OF LAW<br>RELATING TO CENSUS OF COMMERCIAL FISHERIES<br>(From Title 13, United States Code)

## SECTION 131

## Collection and publication; five-year periods

The Secretary shall take, compile, and publish censuses of manufactures, of mineral industries, and of other businesses, including the distributive trades, service establishments, and transportation (exclusive of means of transportation for which statistics are required by law to be filed with, and are compiled and published by, a designated regulatory body), in the year 1964, then in the year 1968, and every fifth year thereafter, and each such census shall relate to the year immediately preceding the taking thereof.

## SECTION 224

Failure to answer questions affecting companies, businesses, religious bodies, and other organizations; false answers

Whoever, being the owner, official, agent, person in charge, or assistant to the person in charge, of any company, business, institution, establishment, religious body, or organization of any nature whatsoever, neglects or refuses, when requested by the Secretary or other authorized officer or employee of the Department of Commerce or bureau or agency thereof, whether such request be made by registered mail, by certified mail, by telegraph, by visiting representative, or by one or more of these methods, to answer completely and correctly to the best of his knowledge all questions relating
to his company, business, institution, establishment, religious body, or other organization, or to records or statistics in his official custody, contained on any census or other schedule prepared and submitted to him under the authority of this title, shall be fined not more than $\$ 500$ or imprisoned not more than sixty days, or both; and if he willfully gives a false answer to any such questions, he shall be fined not more than $\$ 10,000$ or imprisoned not more than one year, or both.

## SECTION 9

## Information as confidential; exception

(a) Neither the Secretary, nor any other officer or employee of the Department of Commerce or bureau or agency thereof, may, except as provided in section 8 of this title-
(1) use the information furnished under the provisions of this title for any purpose other than the statistical purposes for which it is supplied; or
(2) make any publication whereby the data furnished by any particular establishment or individual under this title can be identified; or
(3) permit anyone other than the sworn officers and employees of the Department or bureau or agency thereof to examine the individual reports.
No department, bureau, agency, officer, or employee of the Government, except the Secretary in carrying out the purposes of this title, shall require, for any reason, copies of census reports which have been retained by any such establishment or individual. Copies of census reports which have been so retained shall be immune from legal process, and shall not, without the consent of the individual or establish. ment concerned, be admitted as evidence or used for any purpose in any action, suit, or other judicial or administrative proceeding.


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[^0]:    ${ }^{1}$ See Standard Industrial Classification Manual, Bureau of the Budget, Executive Office of the President.

[^1]:    - Represents zero. (NA) Not available. (D) Withheld to avoid disclosing data for individual companies.
    ${ }^{1}$ Definitions of fishing regions are shown in appendix $B$.
    ${ }^{2}$ Data for "Other U.S. ports" included with "Pacific ports, total," and "Other Pacific ports."

[^2]:    - Represents zero.
    ${ }^{\text {a }}$ - Refinitions of fishing regions are shown in appendix $B$.

[^3]:    - Represents zero.
    ${ }^{1}$ Definitions of fishing regions are shown in appendix $B$.
    ${ }^{2}$ Data for Other U.S. regions included with Pacific.

[^4]:    - Represents zero.
    (D) Data withheld to avoid disclosure of individual companies.
    ${ }^{1}$ Definitions of fishing regions are shown in appendix $B$.
    ${ }^{2}$ Data for Other U.S. ports are included with Pacific, total, and Other pacific ports.

